



Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov



CONFIRMATION NO. 7195

Bib Data Sheet

SERIAL NUMBER 09/701,705	FILING DATE 12/01/2000 RULE	CLASS <del>370</del> 375	GROUP ART UNIT <del>2631</del> 2637	ATTORNEY DOCKET NO. 3815/107
-----------------------------	-----------------------------------	--------------------------------	---	------------------------------------

**APPLICANTS**  
 Yukihiko Okumura, Kanagawa, JAPAN;  
 Hidehiro Ando, Kanagawa, JAPAN;  
 Masafumi Usuda, Kanagawa, JAPAN;  
 Yoshihiro Ishikawa, Kanagawa, JAPAN;  
 Seizo Onoe, Kanagawa, JAPAN;

**\*\* CONTINUING DATA \*\*** *Yes PG*  
 This application is a 371 of PCT/JP00/02105 03/31/2000

**\*\* FOREIGN APPLICATIONS \*\*** *Yes PG*  
 JAPAN 11/96804 04/02/1999  
 JAPAN 11/340638 11/30/1999  
 JAPAN 2000/82929 03/23/2000

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	35 USC 119 (a-d) conditions met <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY JAPAN	SHEETS DRAWING 44	TOTAL CLAIMS 84	INDEPENDENT CLAIMS 21
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i> Initials				

**ADDRESS**  
 ADRIAN J. LEE  
 WORKMAN, NYDEGGER & SEELEY  
 1000 EAGLE GATE TOWER  
 60 EAST SOUTH TEMPLE  
 SALT LAKE CITY, UT 84111

**TITLE**  
 Channel estimation device and method, demodulation device and method, and fading frequency decision device and method DECI

FILING FEE RECEIVED 4334	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

DO/EO BIBLIOGRAPHIC DATA ENTRY

SERIAL NUMBER: 09 / 701705 RECEIPT DATE: 12 / 01 / 00  
IA NUMBER: PCT/ JP00 / 02105 IA FILING DATE: 03 / 31 / 00  
FAMILY NAME: OKUMURA DELAY WAIVED (Y/N): Y  
GIVEN NAME: YUKIHIKO DEMAND RECEIVED (Y/N): N  
PRIORITY CLAIMED (Y/N): Y PRIORITY DATE: 04 / 02 / 99  
NO BASIC FEE (Y/N): N US DESIGNATED ONLY (Y/N): N  
ATTORNEY DOCKET NUMBER: 3815/107 COUNTRY:  
CORRESPONDENCE NAME/ADDRESS: CUSTOMER NUMBER: 000000 TELEPHONE 2129441515  
FAX

NAME: BROWN RAYSMAN MILLSTEIN FELDER & STEINER

STREET: 21ST FLOOR  
120 WEST FORTY FIFTH STREET

CITY: NEW YORK  
STATE/COUNTRY: NY ZIP: 10036

EMAIL:

APPLICATION TITLES:

CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD,  
AND FADING FREQUENCY DECISION DEVICE AND METHOD

TAB TO LAST POSITION, PUSH SEND